

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: "Robert J. Gobrick" <rgobrick@nflld.com>
Subject: [5499] "Four Days in May (c)" QRP Symposium - March 96 UPDATE
Message-ID: <2.2.32.19960310032902.00718f94@public.compuser.net>

QST - QRP - MAR96 - QST - QRP - MAR96 - QST - QRP - MAR96 - QST - QRP - QST

Beware the Ides of March are upon us and please remind yourself that there are only TWO MORE MONTHS left before the first annual QRP Amateur Radio Club, International (ARCI) sponsored "Four Days in May (c)" QRP Symposium. YOU MUST register for FDIM(c) 1996 now or you may miss out on what many are calling "The QRP EVENT of the 20th CENTURY". We've been getting great publicity in the many national and regional QRP Club newsletters, national magazines (Worldradio, QST, 73, CQ, Hambrew) and the UK Press (RadCom and Practical Wireless). Here's some exciting updates for the lucky few who will be able to attend this extravaganza:

1. QRP SYMPOSIUM EXCLUSIVE: In our January 1996 QRP Symposium posting it was announced that the The Four Days in May (c) Committee had secured the exclusive rights for the world premier of a new and exciting QRP Technical Book. Rich High W0HEP of the Colorado QRP Club recently made the official announcement of this book and he has asked that the "Four Days in May (c)" QRP Symposium host the world premier of this special QRP Book.

We here at FDIM(c) had a chance to preview a small portion (40 pages) of this new book and we predict that this book will be in EVERY QRP'er's library. The portion of the book that we reviewed was packed with reams of qrp design data on components, circuits and techniques - more qrp design information than has ever been assembled in any publication to date. In conversations with the authors, their goal was to produce a qrp design book that would bring credibility to the great advances made by the qrp radio designers of today.

For this World Premier the authors will be presenting autographed copies to all FDIM(c) attendees. This offering is an exclusive to QRP Symposium attendees. Here's the news release from Rich W0HEP:

Colorado QRP Club News Release - February 11, 1996.

Many have been asking about the book to be published containing the articles by Paul Harden, NA5N, in the Colorado QRP Club newsletter, The Low Down.

I am pleased to announce the book, Electronic Data Book for Homebrewers(c) including QRP Yellow Pages(c) will be released to the public May 17 at Dayton (one day after it's World Premier at the "Four Days in May(c)" QRP Symposium

on May 16).

Electronic Data Book for Homebrewers(c) and QRP Yellow Pages(c) is based on the series by NA5N and features several of the popular QRP rigs. Lab measurements and spectrum analyzer waveforms are shown for these rigs.

This is the most complete and comprehensive book of its kind with over 100 pages of data sheets and information for the amateur radio QRPer, electronic hobbyist and technician. It is spiral bound for ease of use on the bench in the shack or in the lab.

The QRP Yellow Pages by Rich High, WOHEP, will provide a quick reference to manufacturers and suppliers of interest to QRPers and other amateurs.

This book is a "must have" for the homebrewer. The cost is \$15.00 U.S. (\$17.50 postpaid U.S./\$19.50 U.S. postpaid foreign) from 5 Watt Press, 740 Galena Street, Aurora, CO 80010-3922.

The release date is May 17. No orders will be shipped prior to May 16. Look for us in Dayton.

5 Watt Press
E-mail: QRPBOOK@aol.com

2. QRP SYMPOSIUM PRESENTERS: The quality of papers submitted to Bruce Muscolino W6TOY/3, our FDIM Technical Paper Chairperson, have been outstanding. Some of the sampling of topics include qrp antenna design, receiver design, high quality direct conversion receivers, milliwatting, construction techniques, options to getting on the air as a QRPer, etc. For our next posting we will list the authors and the paper titles.

As many of you may know we have asked that the papers to be of a non-commercial nature. It was not our intent to dissuade commercial presentations but instead to provide a forum where both QRP users and QRP vendors could freely share technical and operational aspects of the QRP amateur radio hobby. We have not forgot our QRP manufacturers though - we hope to make some future announcements about special vendor activities.

As previously announced all "Four Days in May (c)" QRP Symposium attendees will receive a copy of the official QRP Symposium Proceedings as part of their registration fee.

3. LUNCHEON SPEAKER: You've all heard about the sumptuous and scrumptious luncheon that Paulette Quick N9OHU, our FDIM Registration Chairperson has lined up for ALL QRP Symposium attendees. To make this lunch one of the most memorable at Dayton we are happy to announce that famous QRPer and DX

hound Dr Rick Zabrodski VE6GK will be our luncheon speaker. Rick will be giving a talk on "Why QRP Operation Is Good For Your Health" (or something catchy like that). Actually Rick gave a similar featured talk at the Radio Amateurs of Canada Annual Meeting a year ago in Calgary. This luncheon talk should "add some value" to our QRP lives - thanks Rick.

More good news - the FDIM(c) luncheon will have some great door prizes. I just got word that the Michigan QRP Club has donated a very special prize from one of it's well read members. More to come.

4. REGISTRATION: Paulette Quick N9OHU has been posting (on the QRP-L internet mail list) the list of attendees registered to date. Registration is going great and with over 40 folks registered so far and with two more months to go this will be a great gathering. Registration so far looks like a "QRP Who's Who" with many familiar names from the International QRP community. So don't delay - get your registration in - there will be a limit to the number of attendees that we can accommodate. Don't miss out!.

Registration for the QRP Symposium will be \$30 (US) if prepaid to Paulette N9OHU by May 1, 1996 and \$35 if paid after that date or at the door. We may have to limit May 16, 1995 at-the-door registration if we are sold out of facilities. So please register early to guarantee a seat at this not-to-be-missed QRP event. Registration will cover full day Thursday QRP Symposium activities including the QRP presentations, the autographed world premier QRP Design Databook, the QRP Symposium Proceedings book, the scrumptious QRP luncheon and finally the endless QRO coffee pot.

Please send your registration and \$30 (US cheque, money order) made out to "Paulette Quick" by May 1, 1995 to:

Paulette Quick, N9OHU
FDIM registration
P.O. Box 145,
Madison, WI 53701-0145

plquick@facstaff.wisc.edu - email for information only
(608)263-9326 (work phone)- telephone for information only

Aside: Sorry for the confusion on the cheques - please make cheques to "Paulette Quick" and NOT "FDIM", This is my fault (PR Chairperson) for not making this clear and we are sorry for any inconvenience that we may have created, especially for our overseas attendees.

5. IDES OF MARCH - Beware - Don't Miss Out - Register Now. So on behalf of the "Four Days in May (c)" Committee and our sponsor, the QRP-ARCI we would like to invite all QRPers to attend this special QRP event - hope to see you all in Dayton, Ohio on May 16, 1995.

73/72 Bob V01DRB/WA6ERB FDIM Public Relations Chairperson.

PS: Start finalizing your travel and lodging reservations for Wednesday night May 15, 1996 to Sunday May 19 for the BIG QRP Event of the Year. Cheers!

Re-post of the FDIM(c) announcement:

FOUR DAYS IN MAY (c) - The QRP Event of 1996

QRP Amateur Radio Club, International (QRP-ARCI) proudly announces the first annual QRP Symposium to be held on Thursday, May 16 1996 - the first day of four festive days of 1996 Dayton Hamvention QRP activities. Mark your calendars and get your hotel reservations in early for this not-to-be missed QRP event of the year.

Conference presentations, meetings and workshops on everything you wanted to know about amateur radio QRP will all be part of this full day Thursday event to be held at the Days Inn Dayton South (513-847-8422). QRP Symposium attendees will start their day with a wake-up coffee social and then plunge into a morning of multimedia QRP presentations by renowned QRPers and QRP equipment manufacturers. A short break for a catered lunch and some special QRP door prizes and then back to an afternoon of more exciting QRP technical presentations. And if that is not enough, then come join us for a Thursday evening of QRP break-out session tutorials. The 1996 QRP-ARCI Symposium will be the talk of the Dayton Hamvention.

QRP-ARCI continues the "Four Days in May" QRP extravaganza with nightly hospitality suite sessions, where QRP projects from around the world are displayed with a pride that only a QRPer could appreciate. "Four Days in May" QRP-ARCI week culminates with the annual QRP-ARCI Friday Night Banquet honoring QRP dignitaries for their service to the amateur radio community.

Registration for the QRP Symposium will be \$30 if prepaid by May 1, 1996 and \$35 if paid after that date or at the door. Please send your QRP Symposium Registration \$30 fee (US cheque, money order) made out to "Paulette Quick", at the address below.

Your 1996 QRP-ARCI "Four Days in May (c)" Symposium Committee:

Bob Gobrick V01DRB/WA6ERB, public relations chair
(rgobrick@public.compusult.nf.ca),

Bruce Muscolino W6TOY/3, technical paper chair
(BRUCE3900@delphi.com),

Paulette Quick, N9OUH, registration chair
(plquick@facstaff.wisc.edu); P.O. Box 145,
Madison, WI 53701-0145; (608) 263-9326 (work phone)

| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: rgobrick@nfld.com |
| bgobrick@nl.net.nf.ca |
Compuserve: 70466.1405@compuserve.com

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [5495] 1st Sierra qso
Message-ID: <Pine.OSF.3.90.960309164149.20441B-100000@govonca2.gov.on.ca>

Well, all you qrpers who are hanging by with bated breath, it happened.

KT1T - Alan - Boston on 7030 @ 2030 Z.
First Sierra qso off of the newly completed rig. We were doing well, then the dog alarms went off, both barking at the door at an arrived visitor. Should I put up a red 'on air' light as on a darkroom so persons will not bother me when I am making 'history'?

I was 569, he was 599. I did not get his power but I am a hair under 2 watts after squeezing one toroid's coils and stretching another.

BTW, for the record, first Sierra I ran into on the air was Bob Kellogg, on July 30 of last year on 14.051. I was on the T-T 509. So we had a good qrp 2-way from North Carolina to just south of paradise (eg. south of Algonquin Park, A.K.A "mecca")

OK you can all relax now and I will leave you be. Thanks.
And....to borrow a phrase from our friend the Altoids box, there ARE more unbuilt "Original Celebrated Curiously 'Strong' " NorCal Sierras out there I am told.

Brien
Toronto

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Paul Christensen <PaulC@jax.se.continental.com>
Subject: [5478] 49er Debut at Dayton?
Message-ID: <31433DAE@se.continental.com>

Anyone know if the NorCal crew will have 49er kits available for sale at Dayton?

-Paul, N9AZ

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: mgusky@premier.net
Subject: [5475] Argonaut 509
Message-ID: <9603101650.AA0018@mgusky.dialup.premier.net>

For those interested in Argonaut prices. I saw NV5E buy a real clean 509 w/man for \$100 yesterday at the Lafayette, LA hamfest. I think that is the lowest price I have seen for a 509.

Mike Gusky
K5UX
Baton Rouge, LA

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: mgusky@premier.net
Subject: [5476] Argonaut 509/515
Message-ID: <199603101515.PAA27796@premier1.premier.net>

Nils, what I failed to mention earlier...I just recently picked up a real clean 515 and paid \$450. I ran as fast as I could, but my friend beat me out and got the 509 first. When he gets tired of playing with it, I will put it on the list for him. He normally runs alot more power and I don't think QRP is his game.

Mike Gusky

K5UX
Baton Rouge, LA

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [5487] beacon
Message-ID: <9603102056.AA09133@rgfn.epcc.Edu>

Pete, heard the beacon starting at approximately 0500 UTC, but due to my local broadcast info, the readability was not good enough to copy more than the vvv 2w xxxwa3nna/b - tried several times but 5 kw next door just does a job on 80 meters, especially with the 6 harmonic of 600 khz generating white noise. Strength was a good s6-7. Hopefully others in the west will have had better luck. 72/73 Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [5496] DX QRP style
Message-ID: <199603102210.0AA03421@ix3.ix.netcom.com>

How about HP1AC/QRP with a Sierra, throttled @ 1 watt into a 33 feet vertical ? Cam was 559, I was 549. Did not hear W1AW/QRP, but did work Cam, on 1 watt. Fun...

...Jay

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: larsennc@alaska.net (Nancy-KL7NY/Jim-AL7FS/Juliann-WL7MP)
Subject: [5481] Hope in Alaska
Message-ID: <v01510100ad68d3544c67@[206.149.67.36]>

Greetings,

This has been a good weekend for me. I managed to spend at little time on my radio at a time when the band was ok. (Very rare for me, the band is

usually dead when I turn it on.)

Small potato compared to you folks but I like it:

WA9PWP Paul in WI on 20 mtr

N6OKI Tilly in CA on 40 mtr

and

UA0LEC Serge in Dalnegorsk on 40 mtrs 2 hours after sunrise

Anyway, I am feeling good with even these small contacts.

Have fun during the Alaska QSO party. There will be some big stations on from up here.

73,

Jim Larsen
AL7FS
Anchorage, Alaska

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5470] Iambic Paddles Prelim
Message-ID: <199603100448.EAA09218@chuck.dallas.sgi.com>

Gang,

Well wouldn't you know it. I mentioned it on Friday and sure enough I get home from work and there it is. A box from Mike March shipped via UPS containing the new Iambic Paddle.

I'm concerned about UPS. They did serious damage to the box, but the paddle was packed in peanuts and survived without a scratch.

This paddle is a beauty and machined with great care and with an obvious love for what the final

product is and what it is to be used for. Once the word gets out he'll have more than enough to do, as he does this on the side. A more detail report to follow. The reason for this post.

I have the following paddles:

1. Old Brown Brothers that I refurbed
A classic in this day and age for Iambic.
 2. Vibroplex Brass Racer
 3. Kent Iambic
 4. Vibroplex Dual Paddle Iambic
 5. Bencher Chrome Paddle
 6. G4ZPY Paddle
 7. Envirotronics (when it arrives)
- and I think that is all. I think this covers 99% of the most used Iambic Paddles used by this group. Sorry, no Mercury, but I think that \$500 is pretty much outta the price class of the average ham.

Will the following table include everything that you want to know?

1. Manufacturer
2. Address of Manufacturer
3. Phone Number of Manufacturer
4. Model number of paddle
5. Price of paddle
6. Weight
7. Dimensions of base
8. Height of base above table surface
9. Height of centerline of paddles above table
Material of paddle and flex properties.
10. Separation of outside surfaces of paddles,
i.e. how far apart your fingers will be when
resting on the paddle surfaces
11. Mechanics of tension (magnetic/spring) and
precision adjustment rating(s). Ease of setup
and tools required/supplied by mfgr or owner
12. Cabling setup - supplied with paddle or by user
Terminal posts or solder lugs, etc.
13. Materials used throughout.
14. Quality of workmanship. Cosmetic and mechanical.
Ranked with a scaling system to be created.
15. Anti-slip properties on table surfaces when in use.
16. Ease of cleaning and maintenance.

All units in the metric system.

Tests will be made on adjustments from very small spacing to 2mm with range of tensions. If you want a wider gap than that, I'm not the person to test it. :-) Some have mentioned that they prefer attractive magnetic setup over repulsive and complained about the inverse force over distance, etc. I'm a Physicist and I can tell you that over the small distances that I move the paddle, I don't think I go far enough to worry about the change. It seems fairly constant to me. IMHO. I'll try to figure a cheap way to measure it. The force on the paddles is in the same direction, i.e. I have to push them inwards on all the paddles.

What I will do is hook each paddle up to a AEA MM-3 and then a CMOS III keyer. I will send for five minutes the same text on each paddle and make a judgemental call as to ease, feel, and overall quality of the paddle in use. Rank them according to wear and tear on the operator, etc.

I will make up a table of the results and post. Then let the flame wars begin. :-)

If any of you have one or more of the above and will send me any of the data listed above, I'd be most appreciative. I don't remember what I paid for the Kent at an OKC swapmeet several years (3?) ago. \$80? The Brown Brothers cost me \$25 at HamCom a couple of years ago. I had posted how I redid it. I know what the March and Envirotronics cost.

I will photograph each key and scan them in and give them to Steve H. to put on his www page. Also store the images at ftp.lehigh.edu for ftp access. (probably .gif format or .jpg) This way we'll have the photos all in one place and give people a chance to see what we're discussing here. What size is the going rate on www for images? You gotta remember 1280x1024 images are common for me with 16,777,000+ colors and I realize that most are using PC VGA displays for viewing.

Send email direct to me and any ideas you have the same way for this project. You'll get the credit and we will keep the net traffic down to a reasonable (?) level.

I'll let others do tables for:

- a. Bugs
- b. Microphones for the QRP+
and
- c. Straight keys

that should keep you busy. :-)

dit dit es tn timer for your support

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [5493] Kanga US Web Page - Major Update
Message-ID: <199603102153.QAA06492@brutus.bright.net>

I spent a better part of this weekend updating the Kanga US Web page.

It now includes several new kits from Hands Electronics:

The RTX210 - a 10 band SSB/CW transceiver with DDS VFO and
microprocessor controller option (see Dec QEX). Power is adjustable
from 0 - 15 watts. Full QSK option

The TCX206 - a 6 band CW only transceiver

The GQ-40 and GQ-20. G-QRP Club Project kit. CW only with SL6440
mixer. Full QSK.

I also updated the KK7B section of the page to include the LM2 and a
small board that will handle the phasing for the I and Q inputs on
the R2, miniR2, and T2

For you high speed capable folks - I have not yet put a lot of
pictures out there. However - I now have access to a frame grabber
(is that the right term??) so I can get full color shots of the kits
- I'll do that as I get 'em ready for Dayton...

let me know if you find any glitches on the page....

73

73 - Bill Kelsey - N8ET

Kanga US
kanga@bright.net
419-423-4604
<http://qrp.cc.nd.edu/kanga/>

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [5474] Last Norcal Sierra (maybe) - Part Deux
Message-ID: <Pine.OSF.3.90.960309003559.6878B-100000@govonca2.gov.on.ca>

Last night I asked why my Sierra was deaf - well, I said I wanted to apply Zen radio principles, so left it. You sly foxes didn't let me in on any hints (I think I know why, hi) and left me to do my own detective work.

Well, as I suspect 145 people who did the same thing as I did and said to themselves 'let 'em sweat it out' thought I should do, I did. Traced what is supposed to happen, and realized that the transformer T1 on the band module was wound backward. YO! 16:1 and 1:16 yield two different results babe!!

For those who care for a lesson: I realized today that although I was hearing the test signal out of the dummy load, the RF gain pot adjustment was having no effect - obviously the sig. was just generally getting into the Sierra through ambient RF, and not via the antenna wire mostly (proved by removing antenna of 3 feet wire used as pickup, as per the instructions in the manual).

Following up what I began to see as the way it's supposed to be, I reversed the thing, and now seem to hear the little bit that is on 40m . here at 11:45 p.m. and the RF gain DOES now have effect. Real proof will be tomorrow when the band reactivates with activity. Pretty sure this is the correction required.

So, this was a real basic error, and I should have NOT done it to begin with, but as happens some confusion reigned and led to the thing not getting the primary of one turn as the input, so live and learn and I won't ever do that mistake again. There are so many others I can potentially make instead. This is how we learn.

And at least I did not have to use Pirsig's other Zen suggestion - get some shears and cut a shim from a beer can. (Those who know the book will get this, but for those who have not, it refers to a fellow's reluctance to tighten the loose handlebars on his expensive BMW with something as 'low tech' as a piece of beer can).

Re: 1.5 watts of RF out. I will try the one suggestion and so some coil turn space squeezing. But I am certain QRPP has addressed this and I will look for some more power in the past comments there and what I might have kept in my mail archive re. the Sierra. However, of course your hints at maxing the power (MRF237 installed) as welcome here.

Looking to see if I can pull off a #1 Sierra 40 m. contact tomorrow. In the meantime I will try to wind up toroids for 80m. and get it on the air within the next couple nites on 80m. You can be sure T1 is going in correctly.

To the weekday qrp-l readers and 'bulk' readers, sorry I beat you to it, I know its quieter on qrp-l on weekends and I really didn't expect the big help to arrive until Monday. More opportunities to screw my head in the correct direction will come soon, I promise.

Brien
Toronto

pepperb@gov.on.ca

From qrp-l@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5482] Legitimate uses for CB linears? Yes!
Message-ID: <Pine.3.89.9603101445.A18510-0100000@w3eax.umd.edu>

Every Ten-Tec Argonaut mentions owning the 50W amp for "occasional use" when the band's really bad or there's a really rare one to get.

CB amps are sold as "broadband, 5 watts in gives xxx out, 3-30 MHz."

Sure, they're dirty, but can be worked on, right? And they're cheap (or at least relatively so).

Need an amp to boost that 2 watt QRP rig to 100 watts to work the only ham in East Molhovania? This might actually be a way to make something good out of the mess that CB has become!

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
*** VHF @ <25w, HF @ <5w *** Who says Morse Code is dead? ***
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5492] Legitimate uses for CB linears? Well, maybe not...
Message-ID: <Pine.3.89.9603101610.C18779-0100000@w3eax.umd.edu>

Doug does have a good point. It was just a thought, that if they exist already, maybe pulling 'em away from CBers wouldn't be a bad thing. But he's right, it WOULD give them the impression that they're selling more than they thought.

It was not the point of the "big picture," just a thought that maybe, just maybe, the CB mess was so big that nothing we or anybody else did would make any difference. Comparing the number of QRPers to the number of illegally manufactured CB amps, we would only make up a very, very, very small percentage of the units in use.

Of course, some of the companies might elect to sell them legally by killing the 22+ MHz coverage, right?

Just a thought, that's all. Since they're already there, pulling a few away for LEGITIMATE use wouldn't be so bad. Oh well, free thinking liberal I am :)

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
*** VHF @ <25w, HF @ <5w *** Who says Morse Code is dead? ***
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

On Sun, 10 Mar 1996 ROWLETT_D@hccs.cc.tx.us wrote:

> Scott, I'm sorry, but I think we shouldn't do anything to encourage the illegal
> amplifier manufacturers out there. Each one you buy only improves their
> ability to stay in business. If you want an amp, the circuits are standard,
> the parts available, and you'll know it's clean and legal.
> Doug
> WB5IRI
>
>
>

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [5471] Mobile QRP DX? Sure: JA and UA0 w/2 watts!
Message-ID: <199603100103.RAA05015@interval.interval.com>

I don't try mobile QRP CW very often. It's a bit dangerous, sort of like

dialing a cell phone while you share a Whopper with the YL at rush hour. But it helped cure the boredom of my recent drive to and from San Diego on I-5. On the way down I worked some stateside stations, but on the way back I snagged JA3AAW and UA0FAI. Rig: Sierra, running 2 watts; antenna: 20m Ham Stick.

Lessons learned: (1) buy more Ham Sticks (using a tuner with one doesn't work very well); (2) don't forget the keyer (hand-key was a real pain!). I'm convinced that the perfect place for the paddle is on the steering wheel.

Anyone have similar fish stories?

73,
Wayne
N6KR

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [5494] QRP SSB xcvr kits from Hands Electronics
Message-ID: <199603102153.QAA06506@brutus.bright.net>

There are several SSB xcvr kits available from Hands Electronics (handled by Kanga US on this side of the Atlantic).

The latest is the RTX210 - a ten band ssb/cw xcvr - 0 to 15 watts, full QSK option, DDS VFO and microprocessor controller option, modularized, so you don't have to buy it all at once.....

There is also the RTX single band SSB xcvr - available for 80, 40, 20, and 15 meters.

The RTZ SSB/CW xcvr is available for 14, 18, 21, 24, and 50 Mhz.

For more info, check out my Web page at the URL below, or if you can't access the Web, I also now have an ASCII version of my catalog I can e-mail to you. It is in four parts, and totals almost 60k.

73
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604

<http://qrp.cc.nd.edu/kanga/>

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: CQC@aol.com
Subject: [5480] QRP to the Field Rules question
Message-ID: <960310132302_165045466@emout06.mail.aol.com>

Is there any rule against multi-op/multi-station entrants or do we use one call be band or rig?

Rich W0HEP

Please reply direct. Tnx.

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: litigate@mi.net (litigate)
Subject: [5497] QRP Tuner Help??
Message-ID: <199603102313.TAA11762@itchy.mi.net>

My KT34XA has a 3:1 swr on 20 all of a sudden. What is a good tuner to use with my Argonaut 509? Its a bit difficult to retune the KLM here in New Brunswick in March. P.S. -- I don't need advice about the cause of the high swr, blah blah blah.

Thanks. de Rick VE9HF.

* Rick Williams VE9HF *
* 472 Broad St. *
* Fredericton, NB *
* E3A 5L1 CANADA *

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: richards@nylink.org
Subject: [5483] Sliding Keys-One Solution
Message-ID: <9603101904.AA28732@genesis.nylink.org>

Hi All,

I found a great solution to the keys sliding around on the operating desk. I picked up a product called "Magic Grip" Non-Slip Soft Liner. It was advertised in the store's sale flyer as a drawer liner. You should be able to find it in most any

department store. It can be cut to fit the base of your key, or a generous hunk cut off and placed on the desk. It comes in rolls 12 inches by 5 feet. It's about 1/8" thick so the additional height is negligible. There were 4 colors to chose from when I was there, likely more.

72 de Rick WZ2T NNY
QRP-L, ARRL, QRP-ARCI, NorCal, NE-QRP, CQC

richards@nylink.org

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: BensonDJ@aol.com
Subject: [5472] SSB rigs
Message-ID: <960310072554_164904151@emout10.mail.aol.com>

On 3/9/96, John Kirk <jakirk@freenet.calgary.ab.ca> wrote:

>>I'm contemplating building a SSB QRP rig, either from a kit or bare
>>board. So far, I've uncovered:
>>Epiphyte
>>Cascade
>>VE7TX designs
>>Questions:
>>- Are there others?

(snip)

John-

I'm presently doing PWB layout on the White Mountain SSB rig. The current breadboard is on 20M putting out 7-8W PEP, a 75M version will also happen. It's a double-sided board measuring about 4.3 x 5.3 ". An extrusion enclosure kit measuring about 5 x 5.5 x 1.5" will also be offered. This project will be shown off at Dayton and I should have prototype quantities on hand there. Board kit will be \$100 or under, enclosure kit \$50-class but there's a nice surprise included in that option. Hope I've whetted your appetite [g].

73-
Dave Benson, NN1G
Small Wonder Labs

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996

From: Aa4xx <aa4xx@nando.net>
Subject: [5500] SXA 33--Who Dat??
Message-ID: <Pine.SUN.3.91.960310231321.21883C@bessel.nando.net>

Gang,

I've been hearing a beacon on 80M tonight (0230-0400Z) sending the following message on 3711.8 KHz:

VVV VVV VVV de SXA 33 SXA 33 SXA 33

His RST has been 349 for several hours now. It's no big deal, but I would be interested in knowing if anyone is aware of the origin.

72,

Paul, AA4XX

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: flanders@GroupZ.net (Jerry Flanders)
Subject: [5488] Tandy 102 Laptop Computer as Keyboard?
Message-ID: <199603102118.QAA77476@nss2.CC.Lehigh.EDU>

I picked up a very nice Tandy 102 yesterday at the Charlotte, NC Hamfest. It has a pretty nice keyboard and a 320-character display. Programmable in some unknown assembly language, but also in BASIC. Power consumption appears to be very low (rated to run 13 hours on 4 penlight cells).

This thing should make a pretty nice CW keyboard for a QRP setup, with some nice memory buffers, etc. Anybody done this already, or know of any shareware source for this type of stuff for the Tandy 100/102? (I believe the 102 is completely compatible with the 100.)=7F

Incidentally, the QRP group was well represented at Charlotte. Leta and I some nice QRP people there and had lunch with N4EKP, KB0HQQU, AA4XX, WR4I, WA4NAD, KF4AR, KE4ALG, and Bob and Ellen Kellogg. Sorry, Bob, I can't remember your call right now. Best lunch I ever had at Charlotte, folks. We took over a back room at Shoney's and held it

for almost two hours!

Those who missed it missed some excellent wide-ranging conversation. I am looking forward to the next "meeting" already!

Jerry W4UKU South Carolina flanders@groupz.net

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996

From: scott.thomas@circellar.com

Subject: [5477] TT 515 Problem

Message-ID: <9603101054.0FBZ400@circellar.com>

..case closed? Perhaps. This AM, I noticed that the microphonics happened when the radio was upside down (no cracks please), and stopped when the radio was turned even 90 degrees. I looked for something that might be hanging down onto the inside of the top panel. There I found what looked to be a filter board floating in space, close to metals in every direction. I had planned to tell you what board that was, but I just looked thru the manual and its not there! An add-on from the previous owner perhaps? Whew, my confidence in TT restored. The board certainly looked TT. I'm very curious now, but not willing to unwrap all the electrical tape I wrapped it up in -- not just yet at least. Have I really been operating with a filter installed and didn't know it? Hmm, SSB has sounded fine, not likely a CW filter. From what I recall, the board measured about .75" x 1.5" and had about 6 crystals and a few disc caps on it. A mystery solved, replaced by a new one.

Thanks to those who offered suggestions.

Scott.

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996

From: PaulKB8N@aol.com

Subject: [5498] Tube freebies

Message-ID: <960310215411_242699815@emout04.mail.aol.com>

Gang, I have four sets of vacuum tubes, consisting of 5763, 6AQ5, 5751, and 6005 in each set. The 5763 is a nice little oscillator tube, capable of 5W output easily in an simple oscillator circuit. It is a smaller version of the 6AG7 (at least as I understand it!). The 6AQ5 is a clamper tube and the other two I'm not sure of. The 5763s are getting rare and expensive. If you

have a project or any bonafide use for any or all of these tubes, just send me a reasonable amount to cover packing and shipping. I offer these to the QRP-L crowd first, then I'll offer them to the Boatanchors crowd. 73, Paul

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: wdzeares@ix.netcom.com (W. Dennis Zeares)
Subject: [5484] RE: Argo stuff
Message-ID: <199603101922.LAA28538@ix9.ix.netcom.com>

Well, I talked to the man with the Argo's...
both are not working and both PT0s are shot...
He is planning on keeping the 515 and using it in a new home he just bought out in New Mexico, at 10,000 at Enchanted Forest, Red River area. He will be joining our group in the future...

As for the 509 and amp. he might offer it to me, but like I said the PT0 is shot and I don't want the amp...

and he does have the original boxes etc...so he is going to send the 515 to ten tec... I might talk him out of the 509 for a "lower" price and then send it back to ten tec...

Thanks to everyone who sent ideas and suggestions as to the fair value of these items... I passed on all the email to the owner.

I am still looking for an Argonaut 509 that works electrically...for the right price. Anyone want to sell?

72/73 Dennis K3ETS Dallas, home of K5FO

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: arosenzweig@sailors.steamboat.k12.co.us
Subject: [5479] Re: headphones
Message-ID: <m0tvpka-000J0uC@rmii.com>

On Sat, 9 Mar 1996, Bob Hirsch <bobh@p3.net> wrote:

>I like the Azden headphones, with or without the boom mic, for this reason.
>The frequency response on them is 300 Hz - 5000 Hz. They are also a very nice
>cross between "over the ear and block everything out" type and "on the ear and
>allow everything in" type. About \$50.
>>>>>>>>

Bob,
I totally agree with you and checked the Azden ad in AES which prompted a couple of questions:

Are they stereo phones? I need to also use them on a xcvr w/ 2 receivers and can hear my transmit and split receive freq. w/ stereo phones.

The ad says they have a 6db rise at 2500 Hz (for SSB) so I wonder if there is an objectionable roll off at 400-700 Hz for CW?

72,
Marty, W00Q
marty@mht.com

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [5486] Re: headphones
Message-ID: <1.5.4b11.32.19960310195827.0067f21c@p3.net>

At 11:21 3.10.96 MST, you wrote:

>
>On Sat, 9 Mar 1996, Bob Hirsch <bobh@p3.net> wrote:
>
>>I like the Azden headphones, with or without the boom mic, for this reason.
>>The frequency response on them is 300 Hz - 5000 Hz. They are also a very nice
>>cross between "over the ear and block everything out" type and "on the ear and
>>allow everything in" type. About \$50.
>>>>>>>>

>
>Bob,
>I totally agree with you and checked the Azden ad in AES which prompted a couple
>of questions:
>
>Are they stereo phones? I need to also use them on a xcvr w/ 2 receivers and can
>hear my transmit and split receive freq. w/ stereo phones.
>
>The ad says they have a 6db rise at 2500 Hz (for SSB) so I wonder if there is an
>objectionable roll off at 400-700 Hz for CW?
>

>72,
>Marty, W00Q

>marty@mht.com

>

>

Marty --

The good news is that there is a sharp rolloff below 300 Hz so CW is not adversely affected. The bad news is that they have a stereo plug but are wired in parallel and are monaural.

=====

73 es CUL de KE3OB

=====

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996

From: ROWLETT_D@hccs.cc.tx.us

Subject: [5490] RE: Legitimate uses for CB linears? Yes!

Message-ID: <3921251510031996/A02833/ADMIN/11A353D72A00*@MHS>

Scott, I'm sorry, but I think we shouldn't do anything to encourage the illegal amplifier manufacturers out there. Each one you buy only improves their ability to stay in business. If you want an amp, the circuits are standard, the parts available, and you'll know it's clean and legal.

Doug

WB5IRI

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996

From: JCoote@aol.com

Subject: [5501] Re: Mobile QRP DX? Sure: JA and UA0 w/2 watts!

Message-ID: <960310232352_443171482@emout07.mail.aol.com>

In a message dated 96-03-10 00:24:34 EST, burdick@interval.com (Wayne Burdick) writes:

>I don't try mobile QRP CW very often. It's a bit dangerous, sort of like
>dialing a cell phone while you share a Whopper with the YL at rush hour.
>But it helped cure the boredom of my recent drive to and from San Diego on
>I-5. On the way down I worked some stateside stations, but on the way back
>I snagged JA3AAW and UA0FAI. Rig: Sierra, running 2 watts; antenna: 20m
>Ham Stick.

>

>Lessons learned: (1) buy more Ham Sticks (using a tuner with one doesn't
>work very well); (2) don't forget the keyer (hand-key was a real pain!).

>I'm convinced that the perfect place for the paddle is on the steering
>wheel.
>
>Anyone have similar fish stories?
>
>
>73,
>Wayne
>N6KR

I've operated CW and keyboard (packet, pactor, gtor) while mobile on the friendly freeway system in Los Angeles. Usually QRO, but tried some 3 watt data while mobile on 160 for fun.

The system was an IC-735 (with QRP front panel mod), AH-2 military style whip/wire autotuner inside at the base of an Antenna Specialists 9' whip and ball mount. Have also used Hustler "bug-catchers" and Mobile-Mark helical whips with the tuner.. have to use a Heliwhip on 160. For data I use a Kantronics KAM and a Toshiba mono laptop running "Procomm" (a modem comm program which works well on packet). The vehicle is a full-sized Ford E-250 van. If I want higher antenna efficiency, I park somewhere and remove the whip replacing it with a random wire 50 to 100 feet in length.

Haven't tried it yet, but the fold-down armrests in the van would make a good place to temporarily velcro a key/keyer so one's arm is in a good position for sending. I have used headphones which is a no-no in the People's Republic of California, but the copy is a lot easier (road noise and HF noise clash).

The responses you get when you tell the other party you're mobile on LA's freeways while using a straight key or keyboard are always amusing. The poor buggers are stunned and usually wish you safe driving when QRT. You learn to keep sentences and exchanges short and abbreviated... and the CW prosign AS is useful prior to entering tunnels :-)

73, Jay
WB6AAM

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: ROWLETT_D@hccs.cc.tx.us
Subject: [5489] RE: Re: SSB rigs
Message-ID: <0420191510031996/A02807/ADMIN/11A353D12900*@MHS>

I won't be able to go to Dayton, but if these little rigs, particularly the 75-meter one (too many pontificating, foul-mouthed lids on 20 -- sorry) are

made commercially available I would like to be advised. At the price mentioned, I'd buy one today.

Doug Rowlett
WB5IRI

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: Steven Wilson <randyw@crl.com>
Subject: [5485] Re: Sliding Keys-One Solution
Message-ID: <Pine.SUN.3.91.960310113604.8498B-100000@crl3.crl.com>

I use a mouse pad for my bug and it also works very well.

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5473] Re: SSB rigs
Message-ID: <Pine.SOL.3.91.960310074023.16229D-100000@utkux4.utcc.utk.edu>

I do not know about John, but it has whetted my curiosity. I'll look forward to seeing the White Mountain rigs at Dayton.

-73-
LB, W4RNL

From qrp-1@Lehigh.EDU Sun Mar 10 22:33:31 1996
From: wwm@wa8tzg.mi.org (Bill Meahan)
Subject: [5491] Re: SSB rigs
Message-ID: <314347e4.wa8tzg@wa8tzg.mi.org>

Dave Benson writes:

>I'm presently doing PWB layout on the White Mountain SSB rig. The current
>breadboard is on 20M putting out 7-8W PEP, a 75M version will also happen.
> It's a double-sided board measuring about 4.3 x 5.3 ". An extrusion
>enclosure kit measuring about 5 x 5.5 x 1.5" will also be offered. This
>project will be shown off at Dayton and I should have prototype quantities on
>hand there. Board kit will be \$100 or under, enclosure kit \$50-class but
>there's a nice surprise included in that option. Hope I've whetted your
>appetite [g].

>

>73-

>Dave Benson, NN1G
>Small Wonder Labs
>

My appetite is whetted! Any chance of a 17M version?????

--

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
Member of: ARRL, IMRA, NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
Hey, this is my OWN computer! I can say what I want!
cat: a purr bearing mammal